

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/840,2770
Source:	15416
Date Processed by STIC:	9/15/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER

VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND

TRADEMARK OFFICE WEBSITE SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
- U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR	DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 09/840,2770
ATTN: I	NEW RULES CASES:	PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
l	_Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	_Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	_Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.
4	_Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5 <u>U</u>	Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	_Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
		Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	_Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	_Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
	_Use of <220>	Sequence(s)missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	Patentin 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	_ Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid
	-	•



IFW16

RAW SEQUENCE LISTING

DATE: 09/15/2004 TIME: 09:25:05 PATENT APPLICATION: US/09/840,277D

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\1840277D.raw

```
3 <110> APPLICANT: FEIGE, ULRICH
       KOHNO, TADAHIKO
        LACEY, DAVID
        BOONE, THOMAS CHARLES
8 <120> TITLE OF INVENTION: ADHESION ANTAGONISTS (as amended)
10 <130> FILE REFERENCE: A-688A
12 <140> CURRENT APPLICATION NUMBER: US 09/840,277D
13 <141> CURRENT FILING DATE: 2001-04-23
15 <150> PRIOR APPLICATION NUMBER: US 60/198,919
16 <151> PRIOR FILING DATE: 2000-04-21
18 <150> PRIOR APPLICATION NUMBER: US 60/201,394
19 <151> PRIOR FILING DATE: 2000-05-03
21 <160> NUMBER OF SEQ ID NOS: 137
23 <170> SOFTWARE: PatentIn version 3.2
                                                       Does Not Comply
25 <210> SEQ ID NO: 1
                                                   Corrected Diskette Needec
26 <211> LENGTH: 684
27 <212> TYPE: DNA
                                               Two we
28 <213> ORGANISM: Homo sapiens
31 <220> FEATURE:
32 <221> NAME/KEY: CDS
33 <222> LOCATION: (1)..(684)
35 <400> SEQUENCE: 1
36 atg gac aaa act cac aca tgt cca cct tgt cca gct ccg gaa ctc ctg
                                                                          48
37 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
38 1
                  5
                                       10
40 ggg gga ccg tca gtc ttc ctc ttc ccc cca aaa ccc aag gac acc ctc
                                                                          96
41 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
44 atg atc tcc cgg acc cct gag gtc aca tgc gtg gtg gtg gac gtg agc
                                                                         144
45 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
           35
                               40
                                                                         192
48 cac gaa gac cct gag gtc aag ttc aac tgg tac gtg gac ggc gtg gag
49 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
                           55
                                                                         240
52 gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc acg
53 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
                       70
56 tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg ctg aat
                                                                         288
57 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
                   85
60 ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc ccc
                                                                         336
61 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
                                   105
              100
62
```

RAW SEQUENCE LISTING DATE: 09/15/2004 PATENT APPLICATION: US/09/840,277D TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\1840277D.raw

64 atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca cag 65 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln 66 115 120 125	384
68 gtg tac acc ctg ccc cca tcc cgg gat gag ctg acc aag aac cag gtc	432
69 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val	
70 130 135 140	
72 ago ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc gtg	480
73 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val	
74 145 150 155 160	
76 gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc acg cct	528
77 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro	
78 165 170 175 80 ccc qtq ctq qac tcc qac qqc tcc ttc ttc ctc tac agc aag ctc acc	576
81 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr	370
82 180 185 190	
84 gtg gac aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc gtg	624
85 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val	
86 195 200 205	
88 atg cat gag gct ctg cac aac cac tac acg cag aag agc ctc tcc ctg	672
89 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu	
90 210 215 220	
92 tet eeg ggt aaa	684
93 Ser Pro Gly Lys	
94 225 97 <210> SEQ ID NO: 2	
97 (210) SEQ ID NO: 2	
98 <211 > LENGTH: 228	
98 <211> LENGTH: 228 99 <212> TYPE: PRT	
98 <211> LENGTH: 228 99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens	
99 <212> TYPE: PRT	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1 5 10 15	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1 5 10 15 108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 109 20 25 30	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1 5 10 15 108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 109 20 25 30 112 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1 5 10 15 108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 109 20 25 30 112 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser 113 35 40 45	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1 5 10 15 108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 109 20 25 30 112 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser 113 35 40 45 116 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 15 1 15 108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 30 15 119 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser 113 35 5 40 55 5 60 116 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu 117 50 55 60 120 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr 121 65 70 75 80 124 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 15 1 15 108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 30 15 112 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser 113 35	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	
99 <212> TYPE: PRT 100 <213> ORGANISM: Homo sapiens 102 <400> SEQUENCE: 2 104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 105 1	

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/840,277D DATE: 09/15/2004 TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\I840277D.raw

```
144 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
145
                    165
148 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
                                    185
                                                        190
               180
152 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
                                200
    195
156 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
                                                220
       210
                            215
157
160 Ser Pro Gly Lys
161 225
164 <210> SEQ ID NO: 3
165 <211> LENGTH: 8
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Preferred linker
172 <400> SEQUENCE: 3
174 Gly Gly Gly Lys Gly Gly Gly
175 1
178 <210> SEQ ID NO: 4
179 <211> LENGTH: 8
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Preferred linker
186 <400> SEQUENCE: 4
188 Gly Gly Gly Asn Gly Ser Gly Gly
189 1
192 <210> SEQ ID NO: 5
193 <211> LENGTH: 8
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Preferred linker
200 <400> SEQUENCE: 5
202 Gly Gly Gly Cys Gly Gly Gly
203 1
206 <210> SEQ ID NO: 6
207 <211> LENGTH: 5
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Preferred linker
214 <400> SEQUENCE: 6
216 Gly Pro Asn Gly Gly
217 1
220 <210> SEQ ID NO: 7
221 <211> LENGTH: 5
222 <212> TYPE: PRT
```

DATE: 09/15/2004

TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt Output Set: N:\CRF4\09152004\1840277D.raw 223 <213> ORGANISM: Artificial Sequence 225 <220> FEATURE: 226 <223> OTHER INFORMATION: Laminin peptide 228 <400> SEQUENCE: 7 230 Tyr Ile Gly Ser Arg 231 1 234 <210> SEQ ID NO: 8 235 <211> LENGTH: 49 236 <212> TYPE: PRT 237 <213> ORGANISM: Artificial Sequence 239 <220> FEATURE: 240 <223> OTHER INFORMATION: Echistatin peptide 242 <400> SEQUENCE: 8 244 Glu Cys Glu Ser Gly Pro Cys Cys Arg Asn Cys Lys Phe Leu Lys Glu 5 248 Gly Thr Ile Cys Lys Arg Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys 25 20 252 Asn Gly Lys Thr Cys Asp Cys Pro Arg Asn Pro His Lys Gly Pro Ala 253 256 Thr 260 <210> SEQ ID NO: 9 261 <211> LENGTH: 7 262 <212> TYPE: PRT 263 <213> ORGANISM: Artificial Sequence 265 <220> FEATURE: 266 <223> OTHER INFORMATION: RGD, NGR derivative peptide 269 <220> FEATURE: 270 <221> NAME/KEY: misc_feature 271 <222> LOCATION: (2, 5 and)..(7) 272 <223> OTHER INFORMATION: Xaa is any amino acid 274 <400> SEQUENCE: 9 W--> 276 Arg Xaa Glu Thr Xaa Trp Xaa 277 1 280 <210> SEQ ID NO: 10 282 <400> SEQUENCE: 10 W--> 283 000 285 <210> SEQ ID NO: 11 286 <211> LENGTH: 9 287 <212> TYPE: PRT 288 <213> ORGANISM: Artificial Sequence 290 <220> FEATURE: 291 <223> OTHER INFORMATION: RGD, NGR derivative peptide 294 <220> FEATURE: 295 <221> NAME/KEY: misc feature 296 <222> LOCATION: (2, 3, 7 and)..(8) 297 <223> OTHER INFORMATION: Xaa is any amino acid 299 <400> SEQUENCE: 11 W--> 301 Cys Xaa Xaa Arg Leu Asp Xaa Xaa Cys

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277D

302 1

DATE: 09/15/2004

TIME: 09:25:05

```
Input Set : A:\A-688A.ST25.txt
                     Output Set: N:\CRF4\09152004\1840277D.raw
     305 <210> SEQ ID NO: 12
     307 <400> SEQUENCE: 12
W--> 308 000
     310 <210> SEQ ID NO: 13
     311 <211> LENGTH: 9
     312 <212> TYPE: PRT
     313 <213> ORGANISM: Artificial Sequence
     315 <220> FEATURE:
     316 <223> OTHER INFORMATION: RGD, NGR derivative peptide
     319 <220> FEATURE:
     320 <221> NAME/KEY: misc_feature
     321 <222> LOCATION: (1, 2, 3, 7, 8 and)..(9)
     322 <223> OTHER INFORMATION: Xaa is any amino acid with Xaa at 1, 3, 7 and 9 capable of
               forming a bridge.
     325 <400> SEQUENCE: 13
  -> 327 Xaa Xaa Xaa Arg Gly Asp Xaa Xaa Xaa
     328 1
     331 <210> SEQ ID NO: 14
     332 <211> LENGTH: 17
     333 <212> TYPE: PRT
     334 <213> ORGANISM: Artificial Sequence
     336 <220> FEATURE:
     337 <223> OTHER INFORMATION: RGD, NGR derivative peptide
     340 <220> FEATURE:
     341 <221> NAME/KEY: misc feature
     342 <222> LOCATION: (2, 3, 4, 5, 6, 12, 13, 14, 15 and)...(16)
     343 <223> OTHER INFORMATION: At positions 2, 3, 4, 5, 6, 12, 13, 14, 15 and 16, Xaa is
any
     344
               amino acid or may be absent.
     346 <400> SEQUENCE: 14
W--> 348 Cys Xaa Xaa Xaa Xaa Cys Arg Gly Asp Cys Xaa Xaa Xaa Xaa Xaa
     349 1
     352 Cys
     356 <210> SEQ ID NO: 15
     357 <211> LENGTH: 8
     358 <212> TYPE: PRT
     359 <213> ORGANISM: Artificial Sequence
    361 <220> FEATURE:
     362 <223> OTHER INFORMATION: RGD, NGR derivative peptide
     365 <220> FEATURE:
    366 <221> NAME/KEY: misc feature
    367 <222> LOCATION: (1 and)..(8)
    368 <223> OTHER INFORMATION: Xaa is an independently selected amino acid.
     370 <220> FEATURE:
    371 <221> NAME/KEY: misc feature
     372 <222> LOCATION: (2 and)..(7)
     373 <223> OTHER INFORMATION: Xaa equals 0 to 4 amino acids, each which is independently
              selected.
                                                (see p.6)
    376 <220> FEATURE:
    377 <221> NAME/KEY: misc_feature
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277D

<210>	15
<211>	8
<212>	PRT
<213>	Artificial Sequence The types of errors shown exist throughout the Sequence Listing. Please check subsequent the Sequence for similar errors.
<220>	the Sequence Listates sequences for similar errors.
<223>	RGD, NGR derivative peptide the Sequence Listing. sequences for similar errors. sequences for similar errors. sequences for similar errors.
<220>	
<221>	misc feature
<222>	$(1 \text{ and}) \tilde{\ldots} (8)$
<223>	Xaa is an independently selected amino acid
	\mathcal{A}
<220>	will light is not
<221>	misc feature Name of the
<222>	/(2 and)(7)
.<223>	misc_feature (2 and)(7) Xaa equals 0 to 4 amino acids, each which is independently Selected. National length is not permitted, permitted, Xaa can all emists
	Xaa can
<220>	misc_feature ASP is at location 4 only represent a single,
<221>	misc feature NCO 1 1 / material 1
<222>	misc_feature ASP is at location 4 a single
<223>	Xaa is selected from the group consisting of glycine and leucine.
	Without
<220>	misc_feature (5)(5) Xaa is selected from the group consisting of tryptophan and Meet Service Sun furning Heet
<221>	misc_feature ()
<222>	(5)(5)
<223>	21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	leucine.
<400>	15 what about Xaa at location 6!
Xaa Xa	a Asp Asp Xaa Xaa Xaa
1	5 /5

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004 TIME: 09:25:06

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\1840277D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 2,5,7
Seq#:11; Xaa Pos. 2,3,7,8
Seq#:13; Xaa Pos. 1,2,3,7,8,9
Seq#:14; Xaa Pos. 2,3,4,5,6,12,13,14,15,16
Seq#:15; Xaa Pos. 1,2,3,6,7,8,9,10
Seq#:16; Xaa Pos. 1,2,3,6,7,8,9,10
Seq#:17; Xaa Pos. 3,5,6,13,15
Seq#:18; Xaa Pos. 2,3,4,7,15
Seq#:19; Xaa Pos. 3,4,5,6,8,13,15,18
Seq#:20; Xaa Pos. 2,5,6,7,12,13,14
Seq#:21; Xaa Pos. 1,3,6,9,12,13
Seq#:40; Xaa Pos. 3,4
Seq#:50; Xaa Pos. 2,3
Seq#:58; Xaa Pos. 5
Seq#:59; Xaa Pos. 6
Seq#:86; Xaa Pos. 3,15
Seq#:87; Xaa Pos. 13,15

VERIFICATION SUMMARY

DATE: 09/15/2004 PATENT APPLICATION: US/09/840,277D TIME: 09:25:06

Input Set : A:\A-688A.ST25.txt

L:1545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0

Output Set: N:\CRF4\09152004\1840277D.raw

```
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:283 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:308 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (12) SEQUENCE:
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
M:341 Repeated in SeqNo=19
L\!:\!525 M\!:\!341 W\!: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:1109 \ M:341 \ W: \ (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:1525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
```